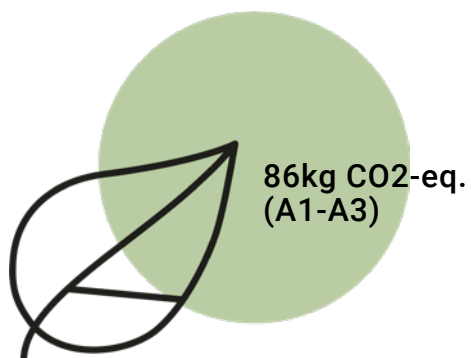


Environmental Product Information

CONNEX



● Recycled content 41%



CONNEX

Environmental Product Information

KLÖBER



cnx88si, 3971, 2044, 3806, 3721, 3566, 3249, 3104, 3341, 3420, 3818, MELANGE

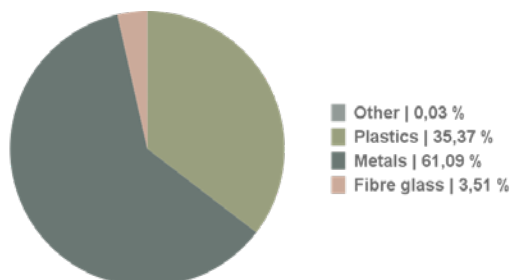
Features

- Point-synchronised mechanism with integral automatic weight setting mechanism
- Backrest with knitted 3D mesh
- 3D arm supports
- With autoadaptive lumbar support
- Seat depth adjustment
- Aluminium base
- Soft castors, Ø 65mm, for hard floors
- Fabric: Melange (Klöber)
- Suitable for up to 140 kg body weight
- 5 years warranty (see terms and conditions of sale and delivery)

Production

- Covers not glued
- CFC-free PU foam cushion
- Galvanisation with chrome III
- Produced using 100% green electricity
- Produced in accordance with DIN ISO 14001 Environmental management
- Produced in accordance with DIN EN 45001 Occupational safety

Materials and proportions



Recycled content / recyclable materials

	kg	%
Recycling rate	8,30	41,35
Thermal recycling	2,52	12,56
Material recycling	17,55	87,44

Recyclability	99%
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The recycled materials and the recyclability of materials are determined based on data from experts and specialist organisations. When determining recycling values, Klöber uses conservative practice-oriented values and not merely the theoretically possible values. The figures shown include our products' packaging. This fact sheet is checked regularly and may be changed without giving prior notice. The most recent version can be downloaded from our homepage at any time.

Standards / Certificates

Klöber has been committed to the principles of sustainable corporate governance of the United Nations Global Compact and its principles in terms of human rights, labour, the environment and anti-corruption since 2017.



redot



The life cycle assessment was prepared in accordance with DIN EN 15804.

Contact: nachhaltigkeit@kloeber.com

Environmental Product Information



Statement

We develop products which bring together first-class quality, design, ergonomics, durability as well as ecological and economic standards in a balanced and unmistakable way – perfectly in line with our customers' needs. To this end, we set high standards for each life phase of the product.

We purchase around two thirds of the steel, aluminium and wood which we require to produce our products in Germany and almost all the rest from Europe, this helps us to avoid long delivery routes whilst, at the same time, boosting the local economy. We use materials which have been tested and assessed with respect to potentially adverse effects on human health and the environment.

REACH Regulation

This product contains no substances as per the candidate list of the REACH Regulation, Annex XIV, above the limit value of 0.1 % mass percent.

Electrical appliance law

WEEE-Reg.-Nr. DE 42358248 Electrical components were registered by Klöber or our suppliers as per the Electrical appliance law.

Metals

	kg	%
Aluminium	10,37	52,10
Steel	1,67	8,41
Zinc	0,11	0,57

61,1 %

Plastics

	kg	%
PP	4,10	20,60
PA	1,12	5,63
PUR foam	0,91	4,55
Polyester fabric	0,83	4,20
NBR	0,07	0,38
POM	0,00	0,02

35,4 %

Fibre glass

	kg	%
Fibre glass	0,70	3,51

3,5 %

Other

	kg	%
Paint, adhesive and lubricant	0,01	0,03

0,0 %

Total weight (without packaging) 19,90kg

Disclaimer: The material list given may not include all the materials used in this product (e.g. adhesives, coatings, residues etc.).

Environmental Product Information

A1 – Raw material extraction

Extraction and processing of raw materials, including the manufacture of intermediate products and energy use.

A2 – Transport

Transport of raw materials and intermediate products to the manufacturing plant.

A3 – Manufacturing

Production processes up to the finished product, including energy, auxiliary materials and internal transport.

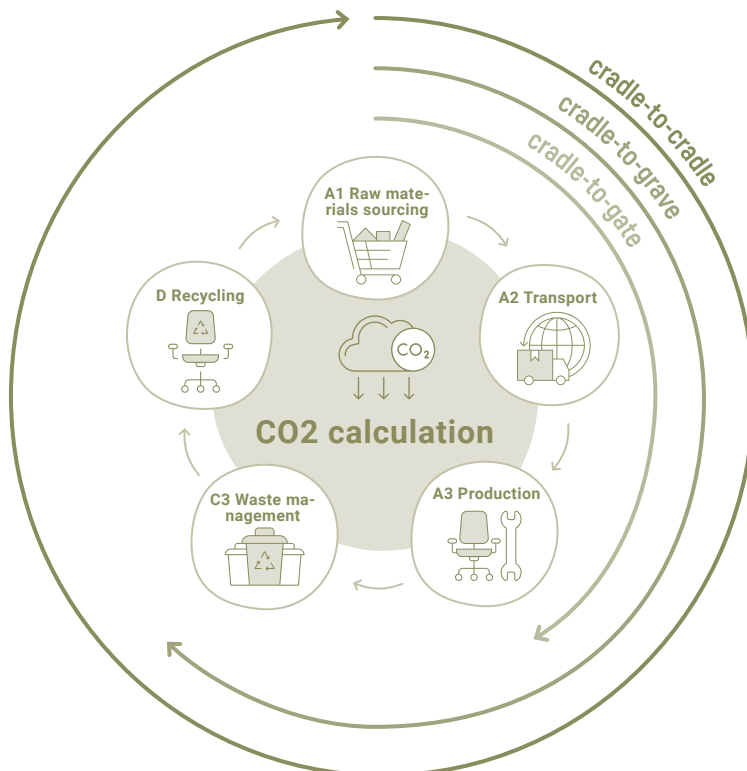
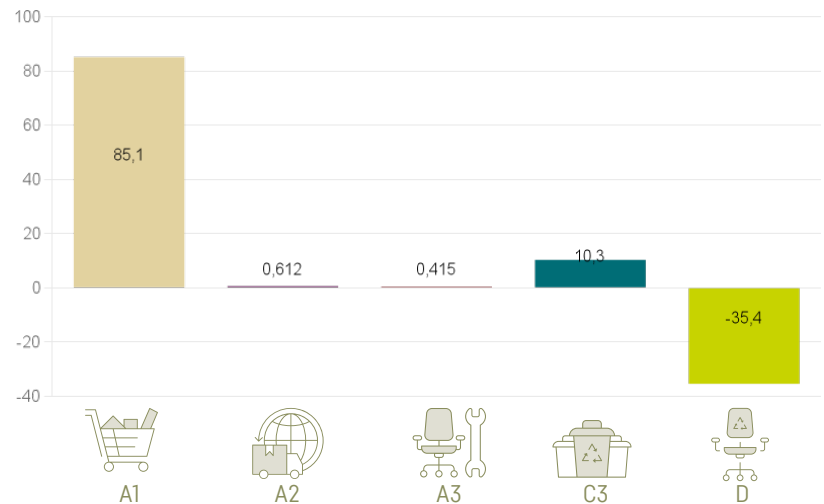
C3 – Waste treatment

Processing of the product at the end of its life, e.g. sorting, shredding and preparation for recycling or disposal.

D – Credits

Environmental benefits from recycling, reuse or energy recovery in the next life cycle.

Global warming potential within the product life cycle [GWP; kg CO₂-eq.]



cradle-to-cradle = 61,1 kg CO₂-eq.

Considers the product life cycle in such a way that materials are completely returned to biological or technical cycles after use and reused.

cradle-to-grave = 96,5 kg CO₂-eq.

Covers the entire life cycle of a product, from raw material extraction to manufacture and use to disposal.

cradle-to-gate = 86,2 kg CO₂-eq.

Considers the environmental impact of a product from raw material extraction to leaving the production plant.

Creator of the life cycle assessment

Sphera Solutions GmbH, Hauptstraße 111-113, 70771 Leinfelden-Echterdingen

Environmental Product Information



Environmental impacts	Unit	A1-A3	C3	C4	D
GWP Global warming potential	[kg CO2-eq.]	8,62E+01	1,03E+01	1,54E-02	-3,54E+01
ODP Ozone depletion potential	[kg CFC11-eq.]	1,67E-09	1,91E-15	8,49E-17	-9,74E-14
AP Acidification potential	[kg SO2-eq.]	2,25E-01	7,85E-03	9,81E-05	-1,42E-01
EP Eutrophication potential	[kg PO43--eq.]	2,39E-02	2,04E-03	1,10E-05	-7,44E-03
POCP Photochemical ozone creation potential	[kg ethene-eq.]	2,16E-02	4,74E-04	7,44E-06	-8,30E-03
ADPE Abiotic depletion potential for non fossil resources	[kg Sb-eq.]	1,47E-03	2,83E-08	1,56E-09	-1,70E-04
ADPF Abiotic depletion potential for fossil resources	[MJ]	1,20E+03	3,48E+00	2,19E-01	-3,88E+02

Resource use	Unit	A1-A3	C3	C4	D
PERE Use of renewable primary energy excluding renewable primary energy resources used as raw materials	[MJ]	2,87E+02	3,61E+00	2,95E-02	-1,94E+02
PERM Use of renewable primary energy resources used as raw materials	[MJ]	3,18E+00	-3,18E+00	0,00E+00	0,00E+00
PERT Total use of renewable primary energy resources	[MJ]	2,90E+02	4,31E-01	2,95E-02	-1,94E+02
PENRE Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials	[MJ]	1,20E+03	1,32E+02	2,26E-01	-4,62E+02
PENRM Use of non renewable primary energy resources used as raw materials	[MJ]	1,28E+02	-1,28E+02	0,00E+00	0,00E+00
PENRT Total use of non renewable primary energy resources	[MJ]	1,33E+03	3,77E+00	2,26E-01	-4,62E+02
SM Use of secondary material	[kg]	6,27E+00	0,00E+00	0,00E+00	0,00E+00
RSF Use of renewable secondary fuels	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF Use of non renewable secondary fuels	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW Use of net fresh water	[m3]	1,03E+00	2,44E-02	5,68E-05	-4,79E-01

Output flows and waste categories	Unit	A1-A3	C3	C4	D
HWD Hazardous waste disposed	[kg]	2,27E-06	2,07E-09	3,44E-09	-3,42E-07
NHWD Non hazardous waste disposed	[kg]	9,80E+00	5,56E-02	1,13E+00	-8,62E+00
RWD Radioactive waste disposed	[kg]	4,92E-02	1,15E-04	2,57E-06	-2,86E-02
CRU Components for re-use	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR Materials for recycling	[kg]	0,00E+00	4,60E+00	0,00E+00	0,00E+00
MER Materials for energy recovery	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE Exported electrical energy	[MJ]	0,00E+00	1,94E+01	0,00E+00	0,00E+00
EET Exported thermal energy	[MJ]	0,00E+00	3,47E+01	0,00E+00	0,00E+00

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